

2013 TRI FORM R REPORTS: Worthen, Nashua NH

As a result of the [TRI Reporting Forms Modification Rule](#), beginning in [reporting year](#) 2005, the [Toxics Release Inventory Program](#) is no longer collecting [latitude](#) and [longitude](#) data or EPA program ID data (Including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs AND Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the [Facility Registry System \(FRS\)](#). Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the "[Pick Best](#)" Process. [Primary permitting systems supply FRS with the program IDs](#) that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

Reference Point/Description	Latitude	Longitude	Collection Method	Accuracy Value
N/A	42.71036	-71.43898	GPS - UNSPECIFIED	N/A

[RCRA ID NUMBER](#)

NHD001038348

[NPDES PERMIT NUMBER](#)

NHR053013

[UIC ID NUMBER](#)

NO DATA

To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to [How to Revise TRI Data](#).

For more information, see [Collection of Latitude, Longitude and Program ID Data Has Been Discontinued](#).

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233844

 Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233844

Section 1. Toxic Chemical Identity

1.1 CAS Number: N010

1.2 Toxic Chemical or Chemical Category Name: ANTIMONY COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : NO	<u>Formulation Component</u> : YES	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid:</u> NO	<u>Manufacturing Aid:</u> NO	<u>Ancillary or Other Use:</u> NO
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	0	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	1	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B Other Landfills

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - NAME:	ADDRESS:
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<u>CITY:</u>	<u>STATE:</u>
<u>COUNTY:</u>	<u>ZIP CODE:</u>

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number:</u> NYD049253719	<u>Parent Company Controlled:</u> YES
<u>Name:</u> ASHLAND CHEMICAL CO	<u>Address:</u> 3 BROAD STREET
<u>City:</u> BINGHAMTON	<u>State:</u> NY
<u>County:</u> BROOME	<u>Zip Code:</u> 13904
<u>Country Code (Non - US):</u>	<u>Province:</u>

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	582	Pounds	O - Other Approaches	M99 - Unknown

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1 NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes**ON SITE ENERGY RECOVERY PROCESSES**

NA

Section 7C. On-Site Recycling Processes**ON SITE RECYCLING PROCESSES**

NA

Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	1	1	1	1
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	63	49	60	50

8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): 533 Pounds

8.9 [Production Ratio](#): .79

8.10 [Source Reduction Activities](#)

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>
NA				

8.11 [Additional Data Indicator](#): NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

Antimony is a formulation component of several of the adhesives and/or specialty coatings that were not selling and couldn't be worked into existing products. It is mixed with highly flammable solvent based adhesives/coatings that were sent for energy recovery.

PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

DOCUMENT CONTROL NUMBER: 1313211233857

 Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>

NO DATA	NO DATA
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Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>

325520	YES	Adhesive Manufacturing
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4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233857

Section 1. Toxic Chemical Identity

1.1 CAS Number: N120

1.2 Toxic Chemical or Chemical Category Name: DIISOCYANATES

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : YES	<u>Formulation Component</u> : NO	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid</u> : NO	<u>Manufacturing Aid</u> : NO	<u>Ancillary or Other Use</u> : NO
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	0	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	2	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
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YES	NA				
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5.4-5.5 Disposal to Land Onsite

5.4.1 [Underground Injection Onsite to Class I Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 [Underground Injection Onsite to Class II-V Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>

YES			
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5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	<u>ADDRESS</u> :
<u>CITY</u> :	<u>STATE</u> :
<u>COUNTY</u> :	<u>ZIP CODE</u> :

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : MAD001035971	<u>Parent Company Controlled</u> : NO
<u>Name</u> : ROCHE BROTHERS BARREL CO	<u>Address</u> : 161 PHOENIX AVENUE
<u>City</u> : LOWELL	<u>State</u> : MA
<u>County</u> : MIDDLESEX	<u>Zip Code</u> : 01852
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	975	Pounds	O - Other Approaches	M99 - Unknown

2 <u>RCRA Number</u> : NJD981142797	<u>Parent Company Controlled</u> : NO
<u>Name</u> : KEARNY STEEL CONTAINER CORP	<u>Address</u> : 401 SOUTH STREET

<u>City</u> : NEWARK	<u>State</u> : NJ
<u>County</u> : ESSEX	<u>Zip Code</u> : 07105
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	650	Pounds	O - Other Approaches	M99 - Unknown

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	6	2	2	2
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	1809	1625	1600	1550
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA

8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#): .85

8.10 [Source Reduction Activities](#)

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 [Additional Data Indicator](#): NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities



PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1313211233869

 [Facility Registry System ID: 110004087595](#)

Section 1. Reporting Year

[Reporting Year](#): 2013

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233869

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000068122

1.2 Toxic Chemical or Chemical Category Name: N,N-DIMETHYLFORMAMIDE

1.3 [Generic Chemical Name](#): NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

Section 2. Mixture Component Identity

2.1 [Supplier Provided Generic Chemical Name](#): NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce : NO	Import : NO	On-Site Use/Processing : NO
Sale/Distribution : NO	Byproduct : NO	Impurity : NO

3.2 Process the Toxic Chemical:

Reactant : NO	Formulation Component : YES	Article Component : NO	Repackaging : NO	Impurity : NO
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3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid : NO	Manufacturing Aid : NO	Ancillary or Other Use : YES
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 [Fugitive or Non-Point Air Emissions](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	64	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	55	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>

YES			
-----	--	--	--

5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - NAME:	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 [Transfers to other Off-Site Locations](#)

1 RCRA Number : MAD001035971	Parent Company Controlled : NO
Name : ROCHE BROTHERS BARREL CO	Address : 161 PHOENIX AVENUE
City : LOWELL	State : MA
County : MIDDLESEX	Zip Code : 01852
Country Code (Non - US) :	Province :

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	91.9	Pounds	O - Other Approaches	M99 - Unknown

2 RCRA Number : NJD981142797	Parent Company Controlled : NO
Name : KEARNY STEEL CONTAINER CORP	Address : 401 SOUTH STREET
City : NEWARK	State : NJ
County : ESSEX	Zip Code : 07105
Country Code (Non - US) :	Province :

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	61	Pounds	O - Other Approaches	M99 - Unknown

3 RCRA Number : NYD049253719	Parent Company Controlled : YES
Name : ASHLAND CHEMICAL CO	Address : 3 BROAD STREET
City : BINGHAMTON	State : NY

<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	11202	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

<u>7A.1b.</u>	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	UNITS	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	155	119	115	110
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	573	152.9	0	0
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	181	2617	2500	2400
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA

8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: 8585 Pounds

8.9 Production Ratio: .91

8.10 Source Reduction Activities

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>
W49 - OTHER RAW MATERIAL MODIFICATIONS	T10 - VENDOR ASSISTANCE			

8.11 Additional Data Indicator: YES

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

[T10:Reuse totes for N,N-Dimethylformamide of incoming raw material to eliminate residual waste from container packaging and product issues associated with drum liners dissolving. (Only purchase in totes as of 8/12/13)

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

Several adhesives and/or specialty coatings we not selling and unable to rework elsewhere. Therefore they were sent out for energy recovery.[TOTRL:We have been purchasing DMF in totes due to the drum lining dissolving and causing problems with production. These totes get reused and thus no waste being sent out to the drum reconditioners.[TPRL:The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 5% DMF, up from the prior 0% DMF, which accounted for 2616.5 lbs. Also 8585 lbs of DMF from dump slips were sent out in 2013.

PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

DOCUMENT CONTROL NUMBER: 1313211233871

 Facility Registry System ID: 110004087595

Section 1. Reporting Year

[Reporting Year](#): 2013

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	STREET	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	Tribe
NO DATA	NO DATA

Mailing Information

NAME	STREET	CITY	STATE	ZIP CODE

WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783
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<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233871

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000071363

1.2 Toxic Chemical or Chemical Category Name: N-BUTYL ALCOHOL

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : NO	<u>Formulation Component</u> : YES	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid</u> : NO	<u>Manufacturing Aid</u> : NO	<u>Ancillary or Other Use</u> : NO
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	1	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	5	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>

YES			
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5.4.2 [Underground Injection Onsite to Class II-V Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - <u>NAME:</u>	<u>ADDRESS:</u>
<u>CITY:</u>	<u>STATE:</u>
<u>COUNTY:</u>	<u>ZIP CODE:</u>

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : MAD001035971	<u>Parent Company Controlled</u> : NO
<u>Name</u> : ROCHE BROTHERS BARREL CO	<u>Address</u> : 161 PHOENIX AVENUE
<u>City</u> : LOWELL	<u>State</u> : MA
<u>County</u> : MIDDLESEX	<u>Zip Code</u> : 01852
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	74	Pounds	O - Other Approaches	M99 - Unknown

2 <u>RCRA Number</u> : NJD981142797	<u>Parent Company Controlled</u> : NO
<u>Name</u> : KEARNY STEEL CONTAINER CORP	<u>Address</u> : 401 SOUTH STREET
<u>City</u> : NEWARK	<u>State</u> : NJ
<u>County</u> : ESSEX	<u>Zip Code</u> : 07105
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	49	Pounds	O - Other Approaches	M99 - Unknown

3 <u>RCRA Number</u> : NYD049253719	<u>Parent Company Controlled</u> : YES
<u>Name</u> : ASHLAND CHEMICAL CO	<u>Address</u> : 3 BROAD STREET
<u>City</u> : BINGHAMTON	<u>State</u> : NY
<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	50	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

<u>7A.1b.</u>	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

SECTION	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	24	6	5	5
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	108	123	125	130
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	62	50	60	55
8.4	Quantity Recycled Onsite		NA	NA	NA	NA

8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#): 1.24

8.10 [Source Reduction Activities](#)

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 [Additional Data Indicator](#): NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities



PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1313211233883

 [Facility Registry System ID: 110004087595](#)

Section 1. Reporting Year

[Reporting Year](#): 2013

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233883

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000110543

1.2 Toxic Chemical or Chemical Category Name: N-HEXANE

1.3 [Generic Chemical Name](#): NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

Section 2. Mixture Component Identity

2.1 [Supplier Provided Generic Chemical Name](#): NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce : NO	Import : NO	On-Site Use/Processing : NO
Sale/Distribution : NO	Byproduct : NO	Impurity : NO

3.2 Process the Toxic Chemical:

Reactant : NO	Formulation Component : YES	Article Component : NO	Repackaging : NO	Impurity : NO
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3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid : NO	Manufacturing Aid : NO	Ancillary or Other Use : YES
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 [Fugitive or Non-Point Air Emissions](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	70	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	511	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>

YES			
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5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - NAME:	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : MAD001035971	<u>Parent Company Controlled</u> : NO
<u>Name</u> : ROCHE BROTHERS BARREL CO	<u>Address</u> : 161 PHOENIX AVENUE
<u>City</u> : LOWELL	<u>State</u> : MA
<u>County</u> : MIDDLESEX	<u>Zip Code</u> : 01852
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	5	Pounds	O - Other Approaches	M99 - Unknown

2 <u>RCRA Number</u> : NYD049253719	<u>Parent Company Controlled</u> : YES
<u>Name</u> : ASHLAND CHEMICAL CO	<u>Address</u> : 3 BROAD STREET
<u>City</u> : BINGHAMTON	<u>State</u> : NY
<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	3140	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u>

1	NO DATA
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7A.1d. [Waste Treatment Efficiency Estimate](#): NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. [Source Reduction and Recycling Activities](#)

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	493	581	590	600
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA		NA	NA	NA	NA

	Subtitle C landfills, and other landfills					
8.1d	Total other off-site disposal or other releases	Pounds	8	5	6	8
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	833	3140	2800	2500
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: .76

8.10 Source Reduction Activities

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>

NA				
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8.11 [Additional Data Indicator](#): NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities



9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

TPRL: The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 6% Hexane, up from the prior 0% Hexane which accounted for 3140 lbs.

PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1313211233895

[Facility Registry System ID](#): 110004087595

Section 1. Reporting Year

[Reporting Year](#): 2013

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
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JEFFREY GAGNON	6038885443
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4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233895

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000872504

1.2 Toxic Chemical or Chemical Category Name: N-METHYL-2-PYRROLIDONE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : NO	<u>Formulation Component</u> : YES	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid</u> : NO	<u>Manufacturing Aid</u> : NO	<u>Ancillary or Other Use</u> : YES
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	1	Pounds	O - Other Approaches

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	8	Pounds	E2 - Emission Factor, Site-specific

5.3 [Discharges to Receiving Streams or Water Bodies](#)

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 [Underground Injection Onsite to Class I Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 [Underground Injection Onsite to Class II-V Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	<u>ADDRESS</u> :
<u>CITY</u> :	<u>STATE</u> :
<u>COUNTY</u> :	<u>ZIP CODE</u> :

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : MAD001035971	<u>Parent Company Controlled</u> : NO
<u>Name</u> : ROCHE BROTHERS BARREL CO	<u>Address</u> : 161 PHOENIX AVENUE
<u>City</u> : LOWELL	<u>State</u> : MA
<u>County</u> : MIDDLESEX	<u>Zip Code</u> : 01852
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
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1	76	Pounds	O - Other Approaches	M99 - Unknown
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2 RCRA Number : NJD981142797	Parent Company Controlled : NO
Name : KEARNY STEEL CONTAINER CORP	Address : 401 SOUTH STREET
City : NEWARK	State : NJ
County : ESSEX	Zip Code : 07105
Country Code (Non - US) :	Province :

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	51	Pounds	O - Other Approaches	M99 - Unknown

3 RCRA Number : NYD049253719	Parent Company Controlled : YES
Name : ASHLAND CHEMICAL CO	Address : 3 BROAD STREET
City : BINGHAMTON	State : NY
County : BROOME	Zip Code : 13904
Country Code (Non - US) :	Province :

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	8873	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery
2	650	Pounds	O - Other Approaches	M93 - Transfer to Waste Broker-Recycling

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	39	9	8	7

8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	154	127	120	110
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	8936	8873	8025	7400
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	5064	650	975	1100
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#): .5

8.10 [Source Reduction Activities](#)

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>
W71 - OTHER CLEANING AND DEGREASING MODIFICATIONS	T04 - PARTICIPATIVE TEAM MANAGEMENT			

8.11 Additional Data Indicator: YES

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

Meet monthly on ways to reduce and modify cleaning methods to extend the life of the NMP kettle wash.

PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

DOCUMENT CONTROL NUMBER: 1313211233907

 Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
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JEFFREY GAGNON	6038885443
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4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233907

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000108883

1.2 Toxic Chemical or Chemical Category Name: TOLUENE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : NO	<u>Formulation Component</u> : YES	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid</u> : NO	<u>Manufacturing Aid</u> : NO	<u>Ancillary or Other Use</u> : YES
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 100000 to 999999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	102	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	2170	Pounds	E2 - Emission Factor, Site-specific

5.3 [Discharges to Receiving Streams or Water Bodies](#)

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 [Underground Injection Onsite to Class I Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 [Underground Injection Onsite to Class II-V Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B [Other Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 [Other Disposal](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	<u>ADDRESS</u> :
<u>CITY</u> :	<u>STATE</u> :
<u>COUNTY</u> :	<u>ZIP CODE</u> :

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : NJD981142797	<u>Parent Company Controlled</u> : NO
<u>Name</u> : KEARNY STEEL CONTAINER CORP	<u>Address</u> : 401 SOUTH STREET
<u>City</u> : NEWARK	<u>State</u> : NJ
<u>County</u> : ESSEX	<u>Zip Code</u> : 07105
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>

1	1.6	Pounds	O - Other Approaches	M99 - Unknown
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2 <u>RCRA Number</u> : NYD049253719	<u>Parent Company Controlled</u> : YES
<u>Name</u> : ASHLAND CHEMICAL CO	<u>Address</u> : 3 BROAD STREET
<u>City</u> : BINGHAMTON	<u>State</u> : NY
<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	10076	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESSES

NA

Section 8. Source Reduction and Recycling Activities

SECTION	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	4326	2272	2200	2100
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	2	1.6	2	2
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	17564	10076	10000	9000

8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: .89

8.10 Source Reduction Activities

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>
W71 - OTHER CLEANING AND DEGREASING MODIFICATIONS	T04 - PARTICIPATIVE TEAM MANAGEMENT			

8.11 Additional Data Indicator: YES

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

Having monthly waste reduction meetings to reduce or possibly eliminate waste.

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

|TPRL:The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 10% Toluene, down from the prior 14% Toluene. |TOTRL:throughput report 2013 divided by throughput 2012 is equal to $2,955,950 / 3,304,288 = 0.89$ reduction in usage plus condenser was put on P-35 and used on Ross.|TARL:throughput report 2013 divided by throughput 2012 is equal to $2,955,950 / 3,304,288 = 0.89$ reduction in usage plus condenser was put on P-35 and used on Ross.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233919

 Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233919

Section 1. Toxic Chemical Identity

1.1 CAS Number: 026471625

1.2 Toxic Chemical or Chemical Category Name: TOLUENE DIISOCYANATE (MIXED ISOMERS)

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : YES	<u>Formulation Component</u> : NO	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid:</u> NO	<u>Manufacturing Aid:</u> NO	<u>Ancillary or Other Use:</u> NO
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	0	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	1	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B Other Landfills

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 Other Disposal

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME:</u>	<u>ADDRESS:</u>
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<u>CITY:</u>	<u>STATE:</u>
<u>COUNTY:</u>	<u>ZIP CODE:</u>

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number:</u> MAD001035971	<u>Parent Company Controlled:</u> NO
<u>Name:</u> ROCHE BROTHERS BARREL CO	<u>Address:</u> 161 PHOENIX AVENUE
<u>City:</u> LOWELL	<u>State:</u> MA
<u>County:</u> MIDDLESEX	<u>Zip Code:</u> 01852
<u>Country Code (Non - US):</u>	<u>Province:</u>

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	224	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

2 <u>RCRA Number:</u> NJD981142797	<u>Parent Company Controlled:</u> NO
<u>Name:</u> KEARNY STEEL CONTAINER CORP	<u>Address:</u> 401 SOUTH STREET
<u>City:</u> NEWARK	<u>State:</u> NJ
<u>County:</u> ESSEX	<u>Zip Code:</u> 07105
<u>Country Code (Non - US):</u>	<u>Province:</u>

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	150	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

<u>7A.1b.</u>	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>

8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	6	1	1	1
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	410	374	370	360
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA

8.7	Quantity Treated Offsite		NA	NA	NA	NA
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8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#): .94

8.10 [Source Reduction Activities](#)

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>
NA				

8.11 [Additional Data Indicator](#): NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1313211233921

[Facility Registry System ID](#): 110004087595

Section 1. Reporting Year

[Reporting Year](#): 2013

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>

PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14
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Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	STREET	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	Tribe
NO DATA	NO DATA

Mailing Information

NAME	STREET	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY

YES	NO	NO	NO
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4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233921

Section 1. Toxic Chemical Identity

1.1 CAS Number: 001330207

1.2 Toxic Chemical or Chemical Category Name: XYLENE (MIXED ISOMERS)

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

Section 2. Mixture Component Identity

2.1 [Supplier Provided Generic Chemical Name](#): NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce : NO	Import : NO	On-Site Use/Processing : NO
Sale/Distribution : NO	Byproduct : NO	Impurity : NO

3.2 Process the Toxic Chemical:

Reactant : NO	Formulation Component : YES	Article Component : NO	Repackaging : NO	Impurity : NO
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3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid : NO	Manufacturing Aid : NO	Ancillary or Other Use : YES
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 [Fugitive or Non-Point Air Emissions](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

NO	1	Pounds	E2 - Emission Factor, Site-specific
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5.2 [Stack or Point Air Emissions](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	16	Pounds	E2 - Emission Factor, Site-specific

5.3 [Discharges to Receiving Streams or Water Bodies](#)

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 [Underground Injection Onsite to Class I Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.4.2 [Underground Injection Onsite to Class II-V Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>

YES			
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5.5 Disposal to Land Onsite

5.5.1A [RCRA Subtitle C Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.1B [Other Landfills](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.2 [Land Treatment/Application Farming](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3A [RCRA Subtitle C Surface Impoundments](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

5.5.4 Other Disposal

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME:</u>	<u>ADDRESS:</u>
<u>CITY:</u>	<u>STATE:</u>
<u>COUNTY:</u>	<u>ZIP CODE:</u>

<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : MAD001035971	<u>Parent Company Controlled</u> : NO
<u>Name</u> : ROCHE BROTHERS BARREL CO	<u>Address</u> : 161 PHOENIX AVENUE
<u>City</u> : LOWELL	<u>State</u> : MA
<u>County</u> : MIDDLESEX	<u>Zip Code</u> : 01852
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	96	Pounds	O - Other Approaches	M99 - Unknown

2 <u>RCRA Number</u> : NJD981142797	<u>Parent Company Controlled</u> : NO
<u>Name</u> : KEARNY STEEL CONTAINER CORP	<u>Address</u> : 401 SOUTH STREET
<u>City</u> : NEWARK	<u>State</u> : NJ
<u>County</u> : ESSEX	<u>Zip Code</u> : 07105
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	64	Pounds	O - Other Approaches	M99 - Unknown

3 <u>RCRA Number</u> : NYD049253719	<u>Parent Company Controlled</u> : YES
<u>Name</u> : ASHLAND CHEMICAL CO	<u>Address</u> : 3 BROAD STREET
<u>City</u> : BINGHAMTON	<u>State</u> : NY
<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non - US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	1570	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

<u>7A.1b.</u>	<u>WASTE TREATMENT METHOD(S) SEQUENCE</u>
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>

8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	33	17	17	17
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	203	160	160	160
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	384	1570	380	380
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA

8.7	Quantity Treated Offsite		NA	NA	NA	NA
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8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#): 1

8.10 [Source Reduction Activities](#)

<u>SOURCE REDUCTION ACTIVITIES</u>	<u>METHOD 1</u>	<u>METHOD 2</u>	<u>METHOD 3</u>	<u>ESTIMATED ANNUAL REDUCTION</u>
NA				

8.11 [Additional Data Indicator](#): NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

TPRL: The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 3% Xylene, up from the prior 0% Xylene which accounted for 1570 lbs.
